Penis Envy Hawk Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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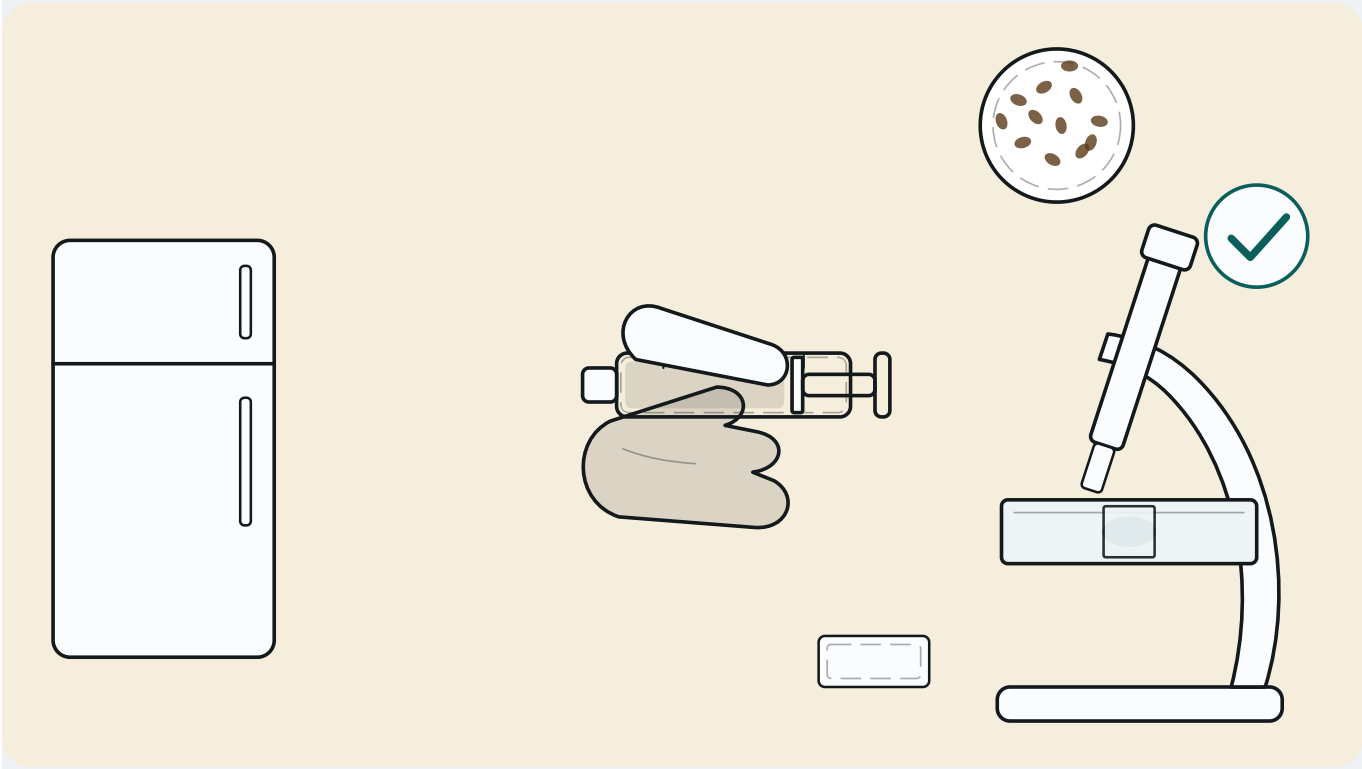
HOW THE SYRINGE IS USED FOR MICROSCOPY



1 Shake the syringe for ten seconds, cap on

2 Cap off

3 Needle on straight from its wrapper, never heated or wiped; cover off

4 One drop through the needle onto the slide

5 Coverslip down

6 Under the microscope: for microscopy and taxonomy

7 Needle off, end cap back on

8 Into the fridge at 2 to 8 °C

About Penis Envy Hawk

Penis Envy Hawk Psilocybe Cubensis – Double-Density Spore Syringe (UK). The Penis Envy Hawk Psilocybe cubensis spore syringe is a hybrid microscopy strain combining characteristics from the well-known Penis Envy and Golden Teacher lineages. This cross produces clearly defined spores that are ideal for comparative microscopy and structural observation. Prepared in HEPA-filtered UK laboratory conditions, each syringe contains a double-density spore solution designed to deliver clear, consistent results under magnification. Suitable for both beginner and experienced researchers, Penis Envy Hawk offers a balanced microscopy sample for studying variation within Psilocybe cubensis strains.

Origin and lineage

Penis Envy Hawk is a hybrid cubensis strain combining the Penis Envy and Golden Teacher lineages. Nothing further is recorded about its breeder or date, and we do not add to it. Because named cubensis cultivars cannot be told apart by spore morphology alone, the hybrid's identity rests on the provenance of the source print; a slide cannot show which parent contributed what, and the syringe should be catalogued by lineage rather than by appearance.

Under the microscope

Penis Envy Hawk spores are well-defined ellipsoids with a visible germ pore and medium to dark pigmentation, thick-walled and smooth like the rest of the species. At 400–1000× the double-density suspension gives an even, well-populated field from a single drop, which suits both a first slide and closer work on wall structure. Spore form sits within the normal range for cubensis, so any differences observed against the parent lines will be small and are worth recording rather than read as diagnostic.

What it is used for

The strain suits comparative work. A three-slide set of Penis Envy, Golden Teacher and Penis Envy Hawk lets a student look for variation across a cross and its parents, and record spore dimensions and pigment for each. It also serves as a general demonstration specimen for cubensis morphology, since the germ pore and ellipsoid outline are easy to find. Any comparison shows variation within the species; it cannot confirm which named strain is on the slide.

Handling and storage

Keep the syringe refrigerated at 2–8 °C, sealed and upright, away from direct sunlight, and do not freeze it; unopened it keeps for up to six months. One individually wrapped sterile needle is included. A single drop under a coverslip is enough for a slide. Refit the cap after use, return the syringe to the fridge, and fit a fresh sterile needle each time you draw from it. Spare needles and gloves are offered as extras.

Species	Psilocybe cubensis
Strain	Penis Envy Hawk
Lineage	Penis Envy × Golden Teacher (hybrid)
Format	Double-density spore suspension in a sterile syringe
Available volumes	2.5ml, 10ml and 20ml
Included	One individually wrapped sterile needle
Storage	Refrigerate at 2–8 °C; do not freeze
Shelf life	Up to 6 months unopened
Intended use	Microscopy and taxonomic research only

How to Study Psilocybe Cubensis Spores Under a Microscope

Disclaimer

- This guide is for microscopy and educational purposes only.
- Cultivating or germinating spores into mushrooms containing psilocybin is illegal in the UK.

Introduction

- Each spore is a tiny, structured cell, and under the lens it shows its shape, size, wall and pigmentation.
- SporeSyringes.co.uk supplies double-density Psilocybe cubensis spore syringes, every batch checked under the microscope before dispatch, so the field is well populated for beginners and professionals alike.

Step 1: Prepare Your Workspace

Choose a clean, well-lit area and wipe the surfaces with isopropyl alcohol. You need:

- A microscope (400 to 1000× magnification)
- Sterile slides and coverslips
- A spore syringe (2.5 ml, 10 ml or 20 ml)
- Gloves and alcohol wipes

- A still air box, if you have one, to keep contaminants away while the slide is prepared

Step 2: Applying the Spore Solution

1. Shake the syringe for ten seconds with its cap on, so the spores disperse evenly.
2. Cap off, then fit the sterile needle straight from its wrapper; never heat or wipe it.
3. Take the needle cover off and put one small drop of solution onto the microscope slide.
4. Lower a coverslip over the drop carefully, to avoid air bubbles.
5. Needle off, end cap back on, and the syringe back in the fridge at 2 to 8 °C.

You now have a ready-to-observe spore sample. Strain clarity

Step 3: Viewing Under the Microscope

- Start at 400× to find the spores, then move to 1000× for detail.
- Expect ellipsoid spores, each strain with its own surface texture and pigmentation. The one exception among the strains we have imaged is Creeper, whose spores are angular rather than ellipsoid under the electron microscope.
- Strains such as Golden Teacher, Albino A+ and Hill Billy are studied side by side; spore size and colour overlap between strains, so record what you see rather than expecting a signature for each.

Step 4: Recording Your Findings

Take photos or notes of each strain's spore pattern. Over time you will learn to identify:

- Spore size and shape
- Colour variations (dark brown, purple or translucent)
- Wall thickness and density

Step 5: Build Your Microscopy Collection

- Many enthusiasts collect and compare spores from various strains for taxonomy studies.
- Start with a reliable source such as SporeSyringes.co.uk, where every batch is checked under the microscope before it is released.

Advanced Observation Tips

- Use MEA agar plates to grow out gourmet cultures and observe mycelium under the microscope.
- Compare strains such as Golden Teacher and B+ side by side to see the variations in spore shape and density; our Golden Teacher vs B+ guide walks through the differences.
- Record what you see for each strain, so your collection becomes a reference you can return to.

Key Takeaway

- Studying Psilocybe cubensis spores connects science and wonder. With clean, double-density spore syringes and the right tools, anyone can explore the structure and diversity of these remarkable organisms: legally, safely and with precision.

Internal Links:

- Buy Magic Mushroom Spore Syringes UK
- Learn About Double Density Spores
- Still Air Boxes for Microscopy

Psilocybe cubensis spores are supplied for microscopy and taxonomy only.

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